

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet	1	of	2	<b>Complete If Known</b>	
				Application Number	10/713,777
				Filing Date	November 13, 2003
				First Named Inventor	Nakagawa, Shigeru
				Art Unit	<del>2633</del> 3663
				Examiner Name	<del>Unassigned</del> DIACOL, ART M.
				Attorney Docket Number	089992-000000US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[Signature]</i>	1	US-5,004,447		04-02-1991	Soref	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>[Signature]</i>	2	EP	0455347		11-6-1991			<input type="checkbox"/>
<i>[Signature]</i>	3	EP	0857996		8-12-1998			<input type="checkbox"/>
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Examiner Signature	<i>[Signature]</i>	Date Considered	11-5-2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>			
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		First Named Inventor	Nakagawa, Shigeru		
		Art Unit	<del>2633</del> 3663		
		Examiner Name	<del>Unassigned</del> DIACOU, Ari M.		
Sheet	2	of	2	Attorney Docket Number	089992-000000US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>AW</i>	4	Glastere G. et al. "Monolithic Integration of 2X Switch and Optical Amplifier with O DB Fibre to Fibre Insertion Loss Grown by LP-MOCDVD" Electronics Letters, IEE Stevenage, GB, vol. 29, no.1, pages 124-126, January 7, 1993	
<i>AW</i>	5	Kohtoku m et al. "High-Speed Ingaalas-Inalal MQW Directional Coupler Waveguide Switchmodules Integrated With A Spotsize Converter Having a Lateral Taper, Thin-Film Core, and Ridge" Journal of Lightwave Technology, IEEE, New York, US, vol. 18, no. 3, pages 360-369 March 2000.	
<i>AW</i>	6	Nagai S et al. "Ingaasp/Inp Multi-Mode Interference Photonic Switches for Monolithic Photonic Integrated Circuits" Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics. Tokyo, Japan vol. 38, no. 2B Part 1, pages 1269-1272, February 1999	


Examiner Signature	<i>[Signature]</i>	Date Considered	11-5-2005
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U.S. PATENT DOCUMENTS*					
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		Number Kind Code <sup>2</sup> (if known)			
	AA	US-			
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
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	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	AO							<input type="checkbox"/>
	AP							<input type="checkbox"/>
	AQ							<input type="checkbox"/>
	AR							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

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